

Message

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Sent: 6/3/2019 4:05:05 AM
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Subject: ST012 Site Activities

Activities through last week (5/24)

- SVE Operation
- LNAPL checks
- Continued extraction and treatment ~60 gpm, ~18 million total gallons treated since startup of EBR extraction.
- Operating Extraction Wells: CZ07, CZ21, UWBZ21, UWBZ26, UWBZ30, LSZ09, LSZ11, LSZ12, LSZ23, LSZ37, LSZ38
- Extraction Wells Down: CZ18, UWBZ22 (LSZ12 recently went down this week)
- Discontinued Extraction: UWBZ27, LSZ39 (baseline, non-pumping samples collected ~2 weeks after shutdown)
- CZ07 pumping at approximately 10 gpm.
- Continued quarterly GW sampling
- Replacement pump motors received
- Injections:
 - LSZ49: 2.1 tons 5/7
 - CZ22: 0.9 tons 5/7, 2.7 tons 5/8
 - SVE04D: 3.2 tons 5/8
 - UWBZ23: 5.6 tons 5/9, 1.6 tons 5/10, 3.1 tons 5/13, 1.5 tons 5/14
 - W30: 3 tons 5/15
 - W36: 3 tons 5/16
 - LSZ50: 3 tons 5/20, 4 tons 5/21

This week (5/27-5/31)

- SVE Operation
- Continue extraction
- Repair CZ18 and UWBZ22
- Continue quarterly GW sampling
- Continue injecting sulfate. Complete injections for subphase 1 and begin injections for subphase 2*

Next Week (6/3-6/7)

- SVE Operation
- LNAPL checks
- Continue extraction
- Continue Injecting sulfate*

*Subphase injection quantities are detailed in FVM7. Based on a review of the February groundwater results, the following modifications for injection quantities are proposed for Subphase 2:

- Decrease mass injected in UWBZ23 from 12 tons to 6 tons due to low observed benzene concentration in extraction well UWBZ30
- Redistribute sulfate mass planned for UWBZ33 to other upgradient UWBZ wells due to generally consistent benzene concentrations:

- UWBZ33 reduce from 29 tons to 17 tons
 - UWBZ34 increase from 13 to 16 tons
 - UWBZ35 increase from 15 to 18 tons
 - UWBZ36 increase from 6 to 12 tons
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